

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 11:16 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 478 Const Calendar Day: 242 Date: 01-Feb-2013 Friday  
Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 AM 06:15 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**CCO #291 replace CB bolts**

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Tensioning of cable band (CB)
- Painting of suspender ropes & main Cable
- CCO-291 work for re-installing stanchion posts, etc

Today I was inspecting Tony Costa's crew on CCO-291 work of re-installing stanchion posts, messenger cable anchors, etc. See the diaries of L. Woo, S. Soheilifard, & A. Iranmenesh for additional details of Cable field work.

- I arrived at the pier-7 office at 07:00, & I arrived on the bridge at 07:20.

- Tony Costa, Casey Lux, Ryan Evancheck, & Robert Larue each worked 10 hours on CCO-291 today. Favco operator Nick Shafer worked 2 hours on CCO-291 today. Jorge Campos worked 1 hour on CCO-291 today.

CCO-291 work for replacing CB bolts:

- The work of replacing the CB bolts was completed yesterday. Today work was ongoing to re-install stanchion posts, messenger cable anchor, & hand rope anchors.
- All of the stanchion posts were re-installed at PPs 40N, 40S, 44N, & 44S. The bolts for the hand rope stanchions were installed & tensioned to snug plus half turn. The bolts for the utility stanchions were installed with loctite 2407.
- All 4 of the inner messenger cables were transferred from their temporary anchorages back onto their permanent anchorages. They were then tightened with the turn-buckles up to 40 kN, & checked with the quick-check tension meter.
- All 4 of the inner hand rope cables were transferred from their temporary anchorages back onto their permanent anchorages. They were then tightened with the turn-buckles up to 45 kN. - Note: I did not witness the tension check on the hand ropes as it happened while I was inspecting CB bolt tensioning. We will use the quick-check tension meter to check it later.
- The areas of the messenger cables & hand rope cables where the Crosby clips (for the temporary anchor lines) were located received one coat of organic zinc primer.

- From 12:30 until 13:45, I relieved Laraine Woo who was inspecting the CB bolt tensioning. Roger Ruiz's crew was doing a final tensioning of all CB bolts. While I was inspecting this work, they tensioned the CB bolts at PPs 24N & 26N. They tensioned all of the bolts within the CB simultaneously up to 19,400 psi, & cycled up 3 times.



## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 478

Date: 01-Feb-2013

Friday

- At 13:45, Laraine returned to take over this inspection, & I returned to inspecting the CCO-291 work listed above.
- At 16:45, I left the bridge.
- From 17:00 until 17:45, I spoke with Roman Granados & Warren Collins regarding upcoming work in the field.
- From 17:45 until 18:15, I wrote my diary for the day & checked email.

04-0120F4 Bid Item: 067 C-SUS-SCC.067 Install Suspender Clamps, Separators, Collars

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Semi-Skilled Laborer	APP	JORGE CAMPOS	1.00	0.00	0.00	1.00	1 hour on CCO-291 work	<input type="checkbox"/>
Operator	OTH	NICOLAUS SHAFER	8.00	2.00	0.00	10.00	3 hours on CCO-291 work	<input type="checkbox"/>
Ironworker	JNM	RYAN EVANCHIK	8.00	2.00	0.00	10.00	10 hours on CCO-291 work	<input type="checkbox"/>
Ironworker	JNM	Robert Larue	8.00	2.00	0.00	10.00	10 hours on CCO-291 work	<input type="checkbox"/>
Ironworker	APP	AUGIE SOLIS	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	CASEY LUX	8.00	2.00	0.00	10.00	10 hours on CCO-291 work	<input type="checkbox"/>
Ironworker	FOR	ANTHONY COSTA	8.00	0.20	0.00	8.20	10 hours on CCO-291 work	<input type="checkbox"/>